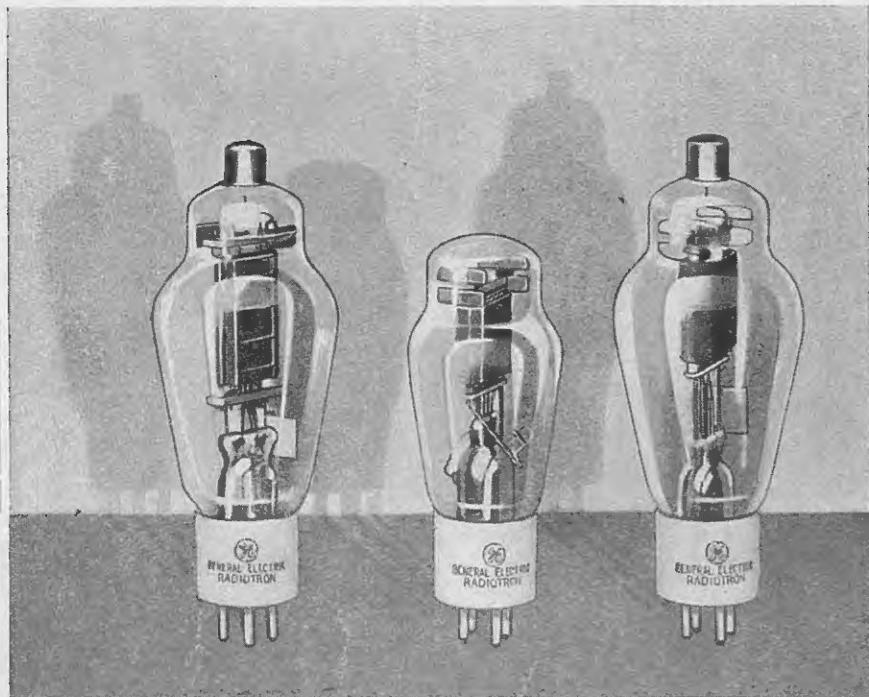


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XTAL

Published by

THE VE OPERATORS' ASSOCIATION

AT

106 JARVIS STREET
TORONTO, ONTARIO, CANADA



Fraternalism in Amateur Radio

Periodically, reference is made to the fraternalism of amateur radio, and invariably there ensues discussion as to whether or not our hobby is so blest.

It is not the purpose of this editorial to attempt a settlement of the point, but rather to offer the policy of XTAL in support of the need for fraternalism amongst hams.

What is fraternalism?

There are several definitions to be found in any dictionary. One authority says, in effect, that fraternalism is the associating of a body of men for their common interest, business or pleasure. A definition such as that can hardly be accepted as adequate. Viewed from the amateur radio point of view, any group of hams who pattern their activity after the fashion of such interpretation will be lacking in the fraternal spirit. They will be selfish, and there is nothing farther removed from fraternalism than selfishness. They will be unfraternal by reason of the restricting of their thoughts and actions to their own interests.

Fraternalism far exceeds the limits imposed by the sphere of activity of any group; it transcends the interests of any organization, no matter to what extent it is national or international. A practical application of fraternalism requires us each to live a life which will produce the greatest benefit to mankind regardless of association (or absence of it) with us in any particular interest.

Let us become more specific by taking a look at this amateur radio of ours, being careful to keep the fraternal aspect constantly before us.

First, then, we shall consider the C.W. man. All the dictates of good operating practice, and a fraternal consciousness, should prevent us from cluttering our bands by sending trains of CQ's. Many have been the paragraphs written on the subject, and many are the fifteen and twenty CQ's which continue to be sent. Surely a little thought would bring us to a realization of the fact that we are robbing our bands of a certain amount of pleasure for others, and irritating a number of hams who are waiting for us to identify ourselves. A long string of CQ's do not mean a thing until we get around to "de," and when we eventually sign we catalogue ourselves as miserable operators who are lacking in fraternal spirit.

What a delight it is to hear a good fist send three CQ's, then sign twice, repeating the process three to five times. And what a flock of answers he gets! Any gent who is long-winded in his CQ's will probably prove to be a poor conversationalist, for things are relative after all. Perhaps that is the reason why long CQ's get few answers.

Would it not be a splendid achievement to earn for Canadian hams a reputation for clean-cut, sensible CQ calls, intelligent QSO's, and a high order of general operating? There never was anything more easy of attainment. All we require is an operating habit determined for us by fraternal considerations—operating with consideration for others.

Having established contact, we should immediately endeavour to put ourselves on common ground with the man at the other end. Give him a chance to divert conversation along lines which are most pleasant to him. Above all else, send at his speed. One of the conundrums of amateur radio is the ham who endeavours to pound brass at a speed beyond his ability—a habit which ruins the possibility of ever having a good fist, and which produces dots which are neither dits nor dahs, and dashes which are beyond description. Nothing fraternal about that type of operating.

Just a lot of hard work for the man who is trying to copy us, and who could read us even faster if we were sending decent stuff. And a word to those who can send proficiently at thirty . . . there is no stigma in slowing down to a speed which assures solid copy, whether dictated by "conditions," QRM, or the human element. Such practice demonstrates the combination of intelligence and mechanical ability which denote the good operator.

Perhaps, after all, there has to be something to identify the "lid," and there does not appear to be any more definite pair of shrieking tags than the long CQ, and the fifteen-word man trying to do thirty-five.

The fraternal C.W. operator, on the other hand, will make a point of having an enjoyable QSO, at the same time keeping in mind that others are trying to use the band. He will send as slowly as is necessary. He will be a real friend, and the man at the other end will take a heap of pleasure out of that QSO. And when you QRT, you will have a greater respect and admiration for your rig. You will enjoy the thrill and pleasure that comes from a realization of the fact that you were an asset, not merely a burst of QRM. You will have proved co-operative—a fraternalist.

To the phone man falls a great responsibility for our public relations as affected by our habits, and perhaps the lion's share of criticism for public antipathy toward ham radio.

It is not implied that the habits of phone men are inferior to those of brass pounders, but the medium of contact brings them closer to the public. In short, his QSO, apart from technical discussions, conveys impressions to his listeners on which their opinion of the entire amateur body is formed, something which dots and dashes fail to do.

The worst the public can say of the C.W. operator is that he is a nuisance when his key clicks find their way into the BCL receiver, or when he effectively blankets. Amateur phones, on the other hand, are found to be entertaining by a large section of the public, and we are tuned in. Perhaps it is our absolute informality that appeals. True, no BCL is bound to dial us, but it is his prerogative to do so, and when he does, it is his inalienable right to anticipate pleasure from the attention he gives us. Certainly he should not expect to have his finer feelings jolted, but yet that is what sometimes happens.

Many of us have at times listened to our phone men carrying on a conversation, and have blushed to think that our hobby and its boast of fraternalism could not restrain the impulsive utterances of some of our confrères. It does not necessarily follow that they were VE boys.

Our worst offenders would not enter our homes and attempt to carry on in the fashion they sometimes do over the air. Is there any excuse for doing so over the family all-wave receiver?

The fraternal phone man will hold sacred the privilege which is his in being heard in countless homes. He will not be unmindful of the fact that he may be an air visitor to the nation's homes where impressionable children are taking infinite pleasure from listening to him. Being a fraternalist, he will be at pains to see that his QSO is carried on with intelligence. He will not be pedantic, he will not be high-hat, but he will be sensible.

So, let us each take unto ourselves—be we on C.W. or phone—as our particularly individual charge, the responsibility of placing Canadian amateur radio on a high plane of ethics. Let us resolve to make it outstanding for the true spirit of fraternalism it exemplifies, not only amongst hams, but toward every individual who shares the earth with us.

The sphere of our activity of which we proudly boast is SERVICE. Fraternalism is synonymous. At least it should be, but too many of our numbers seem to have the faculty of separating them.

Fraternalism as the subject of an editorial is one thing—fraternalism as reflected in the habits of amateur radio operators is something else again. Let us give it a truly practical value.

In Appreciation

The task of directing the destiny of an organization such as ours, particularly while it is in its infancy, becomes at times an arduous one. But there are compensatory spontaneous and unsolicited gestures of confidence which assure us we are on the right road and make the task even more worth while.

We wish to record appreciation of the following:

The action of the Riverdale Radio Club of Toronto in endorsing the VE Operators' Association to the utmost degree—every licensed ham member of the club is a member of the Association.

The splendid boost for the Association in the souvenir booklet of the convention sponsored by the Loyalist City Club of Saint John, N.B.

A member of the Association who, unable to attend or assist at the hamfest, sends in a credit note for \$2.50 to be used as a prize in the draw for advance tickets. By his own request, the donation is credited to that ubiquitous character, "Anonymous."

A New XTAL Feature

AVL—16 Wellington St., Stratford.

AVM—553 Carlaw Ave., Toronto.

AVN—240 Springdale Blvd., Toronto.

AVO—522 Central Ave., London.

AVP—220 First St. E., Cornwall.

AVQ—368 George St., Toronto.

AVR—W. R. Durst, Chesley.

AVT—225 Main St., Kenora.

Prairie Provinces—VE4

ANH—12208 119th Ave., Edmonton, Alta.
ANI—228 Melville Ave., Portage La Prairie, Man.

ANJ—J. Foster, Kerrobert, Sask.

ANK—1920 Montreal St., Regina, Sask.

ANL—835A Second St., Medicine Hat, Alberta.

ANM—J. A. Musselman, Tyvan, Sask.

ANO—700 Maryland St., Winnipeg, Man.

ANP—705 Scotland Ave., Winnipeg, Man.

ANQ—E. R. Langbell, Camrose, Alta.

ANR—11248 65th St., Edmonton, Alta.

ANS—L. F. Willan, MacLennan, Alta.

ANT—L. V. Haydamack, Esther, Alta.

ANU—Box 63, Fort McMurray, Alta.

ANW—Box 102, Rockglen, Sask.

ANX—683 Ashburn St., Winnipeg, Man.

ANY—444 Langside St., Winnipeg, Man.

ANZ—819 Ingersoll St., Winnipeg, Man.

AOA—A. H. Lees, Big Valley, Alta.

AOB—366 Qu'Appelle Ave., Winnipeg, Man.

AOC—11331 72nd St., Edmonton, Alta.

AOD—7731 112th Ave., Edmonton, Alta.

AOE—9411 108th Ave., Edmonton, Alta.

AOF—P. H. Jordan, Millet, Alta.

AOG—A. E. Payne, Camrose, Alta.

AOH—2215 Lorne St., Regina, Sask.

AOI—W. G. Garden, Waterways, Alta.

AOJ—H. A. McDonald, Norway House, Man.

AOK—J. L. Fairburn, Shellbrook, Sask.

B.C., Yukon, N.W.T.—VE5

AGI—1825 Royal Oak Ave., Burnaby, B.C.

AGJ—638 Victoria Ave., Victoria, B.C.

AGK—2636 Marine Dr., West Vancouver, B.C.

AGL—A. Gavin, Perry River, N.W.T.

AGN—121 St. Andrews St., Victoria, B.C.

AGO—J. H. Walsh, Terrace, B.C.

AGP—2227 W. Third Ave., Vancouver, B.C.

AGR—W. H. Finlay, Takla Landing, B.C.

AGS—1607 W. Fourth Ave., Vancouver, B.C.

AGT—3158 W. 36th Ave., Vancouver, B.C.

AGU—Miss M. J. Little, Cranbrook, B.C.

Ontario—VE3

AQS—Box 134, St. Catharines.

AQY—132 Wellington St., Kingston.

ARA—10 Jones St., St. Mary's.

ARD—332 Leslie St., Oshawa.

ARG—174 King St., Sudbury.

ARV—125 Braemar Ave., Toronto.

AUX—9 Central St., Ottawa.

AUY—63 Asher St., Welland.

AUZ—290 Mississauga St. W., Orillia.

AVA—151 Grosvenor Ave. N., Hamilton.

AVB—9 Glenmount Park Rd., Toronto.

AVC—2471 Queen St. E., Toronto.

AVD—B. W. Utranki, Renfrew.

AVE—W. Farrall, Waterdown.

AVF—Sky Arcade Bldg., Kirkland Lake.

AVG—W. E. Webster, Penetang.

AVH—67A Third St., Kirkland Lake.

AVI—10 Truman St., Brampton.

AVJ—176 De Grassi St., Toronto.

AVK—47 Fairleigh Ave. N., Hamilton.

CQ VE

Saturday, Oct. 1st, will be one of the BIG days in the lives of VE3's and their visitors from other sections of Canada and the United States. Why? Because a big hamfest is being held in Toronto at the Prince George Hotel from Saturday noon to Saturday midnight, and special events for those who can stay over on Sunday.

This get-together is the result of discussions at meetings of the executive of the VE Operators' Association, at which the consensus was that, hams being very congenial individuals and deriving great pleasure from the company of their own kind, the opportunity for such a gathering should be presented forthwith. Since the funds of the association are the joint property of hams from coast to coast, many of whom could not attend, the hamfest is being sponsored and underwritten by the executive members as individuals, and the hamfest is being conducted on a strictly self-supporting basis.

Registration will commence at noon on Saturday. The reception committee will

HAMFEST PHOTOS

A group photo is a permanent souvenir of the Hamfest. Your order accepted by committee members or

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"We'll Make You Welcome"

be on hand to see that you meet that chap you have skedded and wish to meet in person, and generally to make you feel right at home right at the start.

F. H. B. Saxon, president of the VE Operators' Association, will take the chair at 2 o'clock for the afternoon session. Robert Macdonald, VE3APS, will be the first speaker, discussing the past, present and future of the VE Operators' Association. Next will be W. D. Schofield, of the Canadian General Electric Company, speaking on the construction of tubes and their application to amateur uses.

The afternoon highlight will be the address of Ernie Roy, W8RV, member of the WBEN engineering staff, in charge of the ultra-high frequency work at that station. He will cover most of the high-frequency field in his talk, as well as other experiments and data of general interest.

Information on five meters will be first, then some of the results of work at W8XH, the 7.3-meter outlet of WBEN. Graphs showing the "flutter effect" and the effect of overhead airplanes on high-frequency signals will be shown. A receiver with an Esterline Angus recorder showing noise level at the hotel will be demonstrated.

Next comes a demonstration of 1 1-4 meter equipment. This will include an oscillator feeding a "Yagi" beam antenna and a National one-ten receiver. Both voice and tone modulation will be used.

FOR SALE—All VE3SY equipment.
Sections, parts or complete. Write for list. 575 Weller St., Peterborough.

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OPEN EVENINGS

Trips to Casa Loma and downtown department stores are arranged for the ladies during the afternoon. Efforts will be made to provide cars for these side trips.

For those interested in constructional ideas, we have arranged a display of ham-built equipment which contains some really outstanding examples.

At 5.30 a group photo will be taken, followed by a visit to the laboratories of the Canadian National Telegraphs.

Keith Russell, VE9AL, ex-C.G.M., will be chairman at the banquet, which will be served at 7 o'clock. Alex. Reid, VE2BE, will be the principal after-dinner speaker. The prize drawing will take place after the banquet, and there is a splendid array lined up.

At 9.30 the dance will commence, and continue until 11.45.

At midnight the organized activities will cease, but we expect that groups will gather at many Toronto stations till the wee sma' hours to discuss radio, etc., etc.

On Sunday, informal trips will be arranged for out-of-town hams. VE3GT, who holds the cup for the amateur radio golf championship of Canada, is putting it up again as a challenge trophy. Please advise 3GT of your entry in advance, if possible, so that ample green facilities can be arranged.

Yes, we know what is now in your minds. What is all this going to cost? Well, we think you will agree that it is very reasonable. Just \$1.25 per ticket, \$2.50 per couple, which includes the banquet and the dance.

We do not think hams can find a better way to spend a week-end, and it is our intention to prove it to you.

This big get-together is the first in Toronto since 1934. Don't miss it. The first 100 purchasers of tickets will participate in a draw for special prizes. Don't wait. Send for YOUR tickets to-day to Erich Bartmann, VE3VD, 1609 Queen Street West, Toronto, hamfest treasurer.

Be at the Prince George on Oct. 1!

ATLAS RADIO SUPPLIES

119 QUEEN ST. W.

It will be worth your while to come in and see us while at the Hamfest.

DX

VE3AU, Unionville, sends in a list of dx worked from Aug. 1 to 15. The high spots are: I1KN, 14440, RST 589, 1.30 a.m. E.D.T., FG8AB, 14410, 558, 4.15 a.m.; ZS2F, 14300, 569 and 34 on phone, 8 a.m.; FB8AB, 14350, 569, 8 a.m.; XU8OL, 14380, 579, 8.20 a.m.; SPIIA, 14410, 566, 6 p.m.; LY1S, 14300, 578, 4.25 p.m.; YU7AY, 14280, 579 10 p.m.; YR5VY, 14410, 468, 10.45 p.m.; OH5NF, 14130, 578, 3.45 p.m.; ZS1CX, 14325, 569, 8 a.m.; CT2BC, 14290, 589, 6.25 a.m.; ZC6PO, 14260, 559, 5.50 p.m.; SV1RX, 14010, 579, 9 p.m.; VP1AA, 14410, 576, 9 p.m.; CE1AU, 14375, 579, 8.25 p.m.

This issue of XTAL is probably the last one which will be sent to all VE's. Tentative plans are that only members of the VE Operators' Association will receive subsequent issues as one of the privileges of membership. Free copies will be sent for a short time to radio clubs whose secretaries advise us of club addresses.

SKEDS WANTED

VE3FW, Fort William, 7145 kc —
Toronto sked at 7 a.m. E.S.T.

With the traffic season just starting, readers are invited to make use of this column so that complete coverage may be arranged as early as possible.

Brantford Amateur Radio Club

Fourth Annual

H A M F E S T

Thanksgiving, Oct. 10th

Bring YL or XYL

AFTERNOON RAGCHEW

EVENING PROGRAM

Dozens of Good Prizes

Movies of '37 and '38 Picnic

Speakers Music

Sound Recording of Everyone

Attending

Coffee Cake Ice Cream

ADMISSION FREE

Bring Sandwiches

Listen on 80 and 160 for further details

ON FIVE METERS

Doc Jaffrey, VE3DC, Dundas, worked two-way with W4AUU at Macon, Georgia, at 7.20 on July 18, using ten watts input with a half-wave vertical antenna. He also worked a W1.

VE3ADO, Toronto, worked W4AUU on July 20 at 10.30 p.m., and was received at the same time by Ross Walker at the forestry station at Sioux Lookout, Ont. With his portable equipment, ADO worked: W8NOR, Buffalo, 9.30 p.m., July 24; W8RV, Buffalo, 2.30 p.m., July 25; W8ILN, Buffalo, 7 p.m., July 28; W8NBV, Erie, Pa., 4 p.m., July 30; W8CIR, Pittsburg, Pa., 10 p.m., July 30.

VE1GQ, Saint John, N.B., reports hearing the following stations on July 10: W2ICR, W1EJS, W8AGU, W2FCA, W8VO.

VE3AU, Unionville, has received S9 reports from Providence, R.I., and Kansas City, Mo., but has yet to work two-way.

Stan Horton, Long Branch, Ont., reports reception of following stations: July 17, 10 p.m., W9USI; July 19, 10 to 11 p.m., W9USI, W5EHN, W9AHZ, W4AUU; July 24, 1.15 p.m., W5EHN.

**TORONTO SHORT WAVE CLUB
WEINER ROAST**

The T.S.W.C. will hold a weiner roast on October 7th on the beach at Waterworks Park, Birchcliff. Cover charge is 20c, and advance purchase of tickets will be appreciated, so that sufficient supplies may be secured. All hams will be made most welcome. Secretary Percy Berry is awaiting your reservation. Phone Melrose 3448.

Why not start off this season by entering the VK/ZL DX contest each weekend in October?

Any radio club sponsoring a hamfest or convention may obtain publicity and programs of the same type as contained in this issue regarding the Central Ontario Hamfest. Get in touch with us before your next get-together.

VE3QF, 22 Belsize Drive, Mohawk 1898, Toronto, would like to hear from hams interested in forming a radio chess club.

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May we extend a cordial invitation to visit us at our store, where you will find the largest stock of Amateur Transmitting and Radio Service Supplies in Canada, and a competent staff, capable of understanding your requirements.

VE3XB**VE3AAK****VE3YA****Program****CENTRAL ONTARIO HAMFEST**

**Prince George Hotel, Toronto
Saturday, Oct. 1**

2.00.—Fred Saxon, VE3SG, S.C.M.
Address of welcome.

2.15.—Bob Macdonald, VE3APS:
"VE Operators' Association."

3.00.—W. D. Schofield, Canadian General Electric: "Construction and Uses of Vacuum Tubes."

4.00—Ernie Roy, W8RV: "Ultra-High Frequency Lecture and Demonstration."

5.30.—Group Photograph.

6.00.—Visit to C.N.T. Laboratory, Demonstrations.

7.00.—Banquet: Keith Russell, VE9AL, chairman; Alex. Reid, VE2BE, and other speakers.

8.30.—Lucky Draws.

9.00.—Dancing.

12.00.—Official Program closes.

KBX CRYSTALS

We welcome you to the Hamfest at the Prince George Hotel, Toronto, Saturday, Oct. 1st, 1938

K. BLEVIS
LABORATORIES
263 FAIRLAWN AVE.,
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HAM PICNICS

June 19th was an outstanding day for hams of eastern Ontario and adjoining districts. Under auspices of the Ottawa Amateur Radio Transmitting Association, a hamfest was held on Shiek's Island, in the St. Lawrence river, about five miles west of Cornwall. More than 60 hams, their YL's, XYL's and junior ops, spent an enjoyable day together.

In view of the splendid support accorded this hamfest, it seems very probable that an eastern Ontario hamfest will become an annual event. The committee, composed of VE3MX, 3ABH, 2GP, 3AJB and 3BY, want to thank the gang for making this year's outing a real success.

The second annual picnic of the Toronto Amateur Radio Association attracted a gathering of 300 to Hanlan's Point on July 16th. The program ran from 3 o'clock until a sing-song, which finished at 8.30, concluded a pleasant outing.

Despite threatening weather about 100 turned out at the B.A.R.C. picnic at Mohawk Park, Brantford. Among the places represented were: Hamilton, Niagara Falls, Galt, Hesseler, Toronto, Mimico, St. Catharines, Paris and Warren, Pa.

The Hamilton Radio Club held a picnic at Grimsby Beach on Aug. 24, and again demonstrated that bad weather does not prevent hams enjoying themselves. About fifty attended, coming from all over western Ontario and western N.Y. Considerable 56 mc work was done, with good results.

VE's

We cordially invite you to visit us the next time you are in Buffalo.

W8RRL, W8OLB, W8GJ

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Maritimes Convention

The Maritimes Division convention was held at Saint John over the Labor Day week-end. About 150 sat down to the banquet on Saturday evening. At 8:15 Mayor D. L. MacLaren made an address of welcome, which was broadcast. Also on the air were addresses by A. S. R. Ruthen, president of the Loyalist City Amateur Radio Club; Alex. Reid, C.G.M., and Byron Goodman, assistant secretary A.R.R.L. After the broadcast period Art. Crowell, S.C.M., and Alex. Lariviere gave short addresses. After the ladies had left for a theatre party, open forum on amateur matters was held. Among subjects discussed were power limitations, the place of the VE Operators' Association in Canadian amateur radio, and 40-meter phone.

On Sunday a sports program was held at Crystal Beach, an hour's sail from Saint John. Softball, horseshoe pitching, races and other games were enjoyed. At 7:15 the boat returned to Saint John, and some local shacks were visited.

An informal meeting was held at the home of VE1HL by representatives of the Moncton, Halifax and Saint John clubs, and Alex. Reid, Alex. Lariviere and Byron Goodman.

On Monday three five-meter hunts were held, and a large group visited the booth of the L.C.A.R.C. at the Saint John Exhibition. The convention was officially closed at 2 p.m.

Among those registered were VO1D, St. John's, Nfld.; W8AOG, Flint, Mich.; and W2's, W1's and VE2's. VP7NA, Bahamas, was a visitor at the Exhibition booth.

ROSS A. HULL

It is with the deepest regret and shock that we record the sudden death of Ross Hull, editor of QST. Ross was accidentally electrocuted while demonstrating his television equipment in his home to a doctor friend whose immediate efforts at resuscitation were unsuccessful.

Not only will the American Radio Relay League find Ross' place impossible to fill, but all his thousands of world-wide amateur friends will mourn his passing. Those of us who have had the pleasure of meeting Ross either when passing through Hartford or at conventions feel even more deeply than those who knew him through QST and the ARRL. Ross' recent work and experiments on television were of such importance that we know that branch of radio, both amateur and otherwise, will suffer for years to come.

Ross was a fellow Britisher, an Australian by birth, and his "Well, in Australia . . ." will long be remembered by all.

TRAFFIC

Trunk lines and nets will be in full operation October 1st. If you want skeds, want to handle traffic, or get in some of nets, get in touch with your SCM immediately so that he can get your section off to a good start.

APPLICATION FORM**VE Operators' Association**

I hereby make application for membership in the VE Operator's Association. One dollar is enclosed for one year's fees and subscription for XTAL—or—Three dollars is enclosed for one year's fees and subscriptions for XTAL and QST.

Name..... Call.....

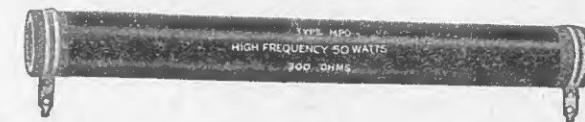
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Success to the Hamfest

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